

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

S. A. Rubin et al.

Application No.: 09/010,377

Filed: January 21, 1998

For: TREATMENT OF VIRAL  
ENCEPHALITIS BY AGENTS  
BLOCKING ALPHA-VLA-4  
INTEGRIN FUNCTION

Examiner: Philip Gambel

Art Unit: 1644

**Communication Re Submission of  
Declaration of Professor Karlik**Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Further to the Preliminary Amendment filed on October 30, 2001, Applicants submit this document and the enclosed Declaration of Professor Stephen J. Karlik in the above-referenced matter. Applicants request consideration of these submissions during examination of the Continued Prosecution Application filed on March 27, 2001.

**REMARKS**

Professor Karlik is a renowned expert with extensive experience in the field of animal models for multiple sclerosis and other inflammatory disorders. In the enclosed declaration, Professor Karlik expressed his opinion regarding the differences between the animal model relied on by the present inventors and those discussed in the prior art cited in the Office Action in the parent application of this CPA, e.g., Bendig et al. (U.S. Patent No. 5,840,299), Soilu-Hanninen et al. (Scand. J. Immunol. 43: 727, 1996; "Soilu-Hanninen 1996"), and Soilu-Hanninen 1997 (J. Neuroimmunol. 72:95-105, 1997; "Soilu-Hanninen 1997"). In his expert opinion, Professor Karlik stated that (i) the animal model disclosed in the present